Quality Enhancement in Engineering Education

A Government of India Initiative

Only about 10% of the engineering graduates are employable in the IT industry, whereas, less than 25% of the total engineering graduates have the required skills to get a job (Choudhury, 2014). Sam Pitroda, Chairman, Knowledge Commission, in his detailed letter to the Prime Minister Mr. Manmohan Singh stated that the elite institutions such as IITs should consider some additional responsibilities such as adopting a few engineering institutions of their choice and helping them raise their standards (Pitroda, 2008). Additionally, during NASSCOM Leadership Summit 2014, Prime Minister Narendra Modi emphasized on the importance of IT industry in ensuring security in cyberspace (Ghosh, 2014).

Thus, in order to increase the skilled workforce in the IT sector it is imperative for engineering students to receive high quality education from the country's finest faculty. In light of the above, the ministry of human resource and development (MHRD), government of India, has developed a Quality Enhancement in Engineering Education (QEEE) committee to bring reform in technical education.

In order to ensure that engineering students benefit from research and highly skilled faculty at the premier institutes, after significant research and analysis, QEEE committee has developed a program to integrate scholastic inputs into current pedagogical practices. This program that will be delivered using technology will consist of live lectures, tutorials, interactive e-books, virtual labs and MOOC (QEEE Pilot).

Liqvid eLearning Services, India's leading English language training provider, has partnered with Government of India for the QEEE program and its instructors will be conducting online lectures for students in upto 100 engineering institutes during the pilot phase and 500 colleges, thereafter (QEEE, 2013). This initiative by Liqvid will not only help the engineering students across India with their soft skills and professional development, but also make them more employable.

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